



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

HOGAN

Atty. Ref.: 2380-464

Serial No. 09/932,447

TC/A.U.: 2686

Filed: August 20, 2001

Examiner: Contee, J.K.

For: TRANSMISSION OF FILTERING/FILTERED INFORMATION OVER  
THE IUR INTERFACE

\* \* \* \* \*

March 15, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**TERMINAL DISCLAIMER**

Your petitioner, Telefonaktiebolaget LM Ericsson (publ), a corporation having an office and place of business/residing at S-126 25, Stockholm, Sweden represents that it/he is the assignee as recorded in an assignment at Reel 012212/Frame 0991-0993, of all right, title and interest in and to Application Serial No. 09/932,447, filed August 20, 2001, for TRANSMISSION OF FILTERING/FILTERED INFORMATION OVER THE IUR INTERFACE.

Your petitioner hereby disclaims the terminal part of any patent granted on the above-identified application, which would extend beyond the expiration date of the full statutory term as presently shortened by any terminal disclaimer of any patent issuing from Application Serial No. 10/068,012 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that

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the legal title to such patent granted on the above-identified application shall be the same as the legal title to any patent issuing from Application Serial No. 10/068,012, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

Petitioner does not disclaim any terminal part of any patent granted on the above-identified application prior to the expiration date of the full statutory term as presently shortened by any terminal disclaimer of any patent issuing from Application Serial No. 10/068,012 in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321(a), has all claims canceled by a reexamination certificate, or is otherwise terminated prior to the expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

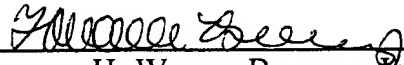
The evidentiary documents accompanying this document or referred to above have been reviewed by the undersigned and it is certified that to the best of the assignee's knowledge and belief, title is in the assignee seeking to take action.

Check either box 1 or 2 below, as appropriate.

1. ☐ For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.
2. ☒ The undersigned is an attorney or agent of record.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Telefonaktiebolaget LM Ericsson (publ)**

By:   
H. Warren Burnam, Jr.  
Reg. No. 29,366

Date: March 15, 2006

☒ **Terminal disclaimer fee under 37 C.F.R. § 1.20(d) included.** If missing, the Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.



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## Nixon & Vanderhye P.C.

ATTORNEYS AT LAW

March 15, 2006

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**Subject:** U.S. Patent Application of HOGAN  
Serial No. 09/932,447  
Title: TRANSMISSION OF FILTERING/FILTERED  
INFORMATION OVER THE IUR INTERFACE  
Your Ref.: P15015US  
Our Ref.: 2380-464


Dear Håkan:

In accordance with your electronic mail message dated March 13, 2006, we prepared and (on March 15, 2006) filed the enclosed Terminal Disclaimer in the U.S. Patent Office. We believe this document is self-explanatory.

We will certainly keep you apprised of further developments concerning this application.

Very truly yours,

**NIXON & VANDERHYE P.C.**

By:   
H. Warren Burnam, Jr.

HWB:lsb  
Enclosure  
cc: Britt Bromér (w/enclosure)

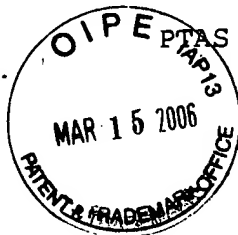


UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

2-80-464  
HUB

DECEMBER 05, 2001

NIXON & VANDERHYE P.C.  
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Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/28/2001

REEL/FRAME: 012212/0991  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
HOGAN, WILLIAM D.

DOC DATE: 09/24/2001

ASSIGNEE:  
TELEFONAKTIEBOLAGET LM ERICSSON  
(PUBL)  
S-126 25  
STOCKHOLM, SWEDEN

SERIAL NUMBER: 09932447  
PATENT NUMBER:

FILING DATE: 08/20/2001  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



10-05-2001

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U.S. Department of Commerce  
Patent and Trademark Office

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PATENTS ONLY

Our Ref.: 2380-464

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William D. HOGAN

9-28-01

2. Name and address of receiving party(ies):

Name: Telefonaktiebolaget LM Ericsson (publ)

Internal Address:

Street Address: S-126 25

City: Stockholm

State/Country: Sweden

Zip:

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Assignment

☐ Change of Name

☐ Other

Execution Date: 24 September 2001

Additional name/s & address/es attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

(1) 09/932,447

(2)

(3)

B. Patent No(s).

(1)

(2)

(3)

Additional numbers attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: H. Warren Burnam, Jr.

Internal Address:

Street Address: Nixon & Vanderhye P.C.

1100 North Glebe Road

8<sup>th</sup> Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

H. Warren Burnam, Jr.

Name of Person Signing

Reg. No. 29,366

Signature

September 28, 2001

Date

Total number of pages including original cover sheet, attachments, and document:

[3]

Sep 21 2001

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### ASSIGNMENT

WHEREAS, William D. HOGAN (hereinafter ASSIGNOR) of 21 Glenard Crescent, Salthill Galway, Ireland, has invented a certain improvement in **TRANSMISSION OF FILTERING/FILTERED INFORMATION OVER THE TUP INTERFACE** for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on August 20, 2001;

WHEREAS, Telefonaktiebolaget LM Ericsson (publ) (hereinafter ASSIGNEE), a corporation of the Country of Sweden, having an office and place of business at S-126 25, Stockholm, Sweden, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR by these presents hereby sells, assigns, and transfers unto the ASSIGNEE, its successors, assigns, and legal representatives, the aforesaid application(s) and the full and exclusive right to the invention and improvements therein in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent or Patents claiming priority or resulting from the aforesaid application to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to assist in the preparation of and hereby assign a like interest to said ASSIGNEE, its successors, assigns, and legal representatives, without further remuneration, any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid applications or otherwise growing out of or related to the invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives necessary to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR specifically agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

Best Available Copy

AGREED and executed as noted below:

24/9/2001

Date

Witnessed by:

Anthony [Signature]

Name:

[Signature]  
William D. HOGAN

24/9/01

Date:

Best Available Copy